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Patent and Trademark Office

Attorney Docket No.: 1508.68798

Serial No.: 10/734,743

Applicant: Sugiura et al.

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Filing Date: December 1, 2003

Group: 2871

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
M	4,701,028	Oct. 20, 1987	Clerc et al.			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
M	55-048733	April 8, 1980	Japan			Abs.	
	02-236523	Sept. 19, 1990	Japan			Abs.	
	06-167708	June 14, 1994	Japan			Abs.	
	09-292504	Nov. 11, 1997	Japan			Abs.	
	2002-221716	Aug. 9, 2002	Japan			Abs.	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

M	Y. Itoh, N. Kimura, S. Mizushima, Y. Ishii and M. Hijikigawa, <u>Improvement of the Display Performance of Highly-Reflective TFT-LCD (HR-TFT)</u> , AM-LCD 2000, pp 243-244 (2000).
M	C.J. Wen, D.L. Ting, C.Y. Chen, L.S., Chuang and C.C. Chang, <u>P-1: Optical Properties of Reflective LCD with Diffusive Micro Slant Reflectors (DMSR)</u> , SID 00 Digest, pp 526-529 (2000).

Examiner

Date Considered

08/14/05

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office	Attorney Docket No.: 1508.68798	Serial No.: 10/734,743
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Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
W	2002-296585	Oct. 9, 2002	Japan	<del>X</del>	<del>X</del>	Abs.	
	09-127501	May 16, 1997	Japan			Abs.	
	57-102680	June 25, 1982	Japan			Abs.	
↓	11326615	Nov. 26, 1999	Japan			Abs.	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


Examiner

T. J.

Date Considered

08/14/05

\*Examiner:

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## List of Patents and Publications for Information Disclosure Statement

Applicant(s): Russell Evan Thorson et al.

Docket No.: 19519

Serial No.: 10/734,843

Group: Unknown

Filed: December 12, 2003

Examiner: Unknown

U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A1	4,031,568	06/28/1977	Huff			
	A2	4,036,233	07/19/1977	Kozak			
	A3	4,059,973	11/29/1977	Gresillon			
	A4	4,227,531	10/14/1980	Mcleod			
	A5	4,300,967	11/17/1981	Sigl			
	A6	4,327,448	05/04/1982	Lunt			
	A7	4,437,860	03/20/1984	Sigl et al.			
	A8	4,450,026	05/22/1984	Pieniak et al.			
	A9	4,486,192	12/04/1984	Sigl			
	A10	4,507,163	03/26/1985	Megard			
	A11	4,543,154	09/24/1985	Reiter			
	A12	4,563,185	01/07/1986	Reiter			
	A13	4,606,964	08/19/1986	Wideman			
	A14	4,610,685	09/09/1986	Raley			
	A15	4,639,949	02/03/1987	Ales et al.			
	A16	4,663,220	05/05/1987	Wisneski et al.			
	A17	4,681,580	07/21/1987	Reising et al.			
	A18	4,707,398	11/17/1987	Boggs			
	A19	4,710,189	12/01/1987	Lash			
	A20	4,720,415	01/19/1988	Vander Wielen et al.			
	A21	4,724,184	02/09/1988	Killian et al.			
	A22	4,741,949	05/03/1988	Morman et al.			
	A23	4,743,241	05/10/1988	Igaue et al.			
	A24	4,747,846	05/31/1988	Boland et al.			
	A25	4,756,709	07/12/1988	Stevens			
	A26	4,770,656	09/13/1988	Proxmire et al.			
	A27	4,789,699	12/06/1988	Kieffer et al.			
	A28	4,808,176	02/28/1989	Kielpikowski			

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Group: Unknown

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Examiner: Unknown

U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A29	4,816,026	03/28/1989	Richardson			
	A30	4,820,572	04/11/1989	Killian et al.			
	A31	4,863,779	09/05/1989	Daponte			
	A32	4,872,871	10/10/1989	Proxmire et al.			
	A33	4,895,568	01/23/1990	Enloe			
	A34	4,908,247	03/13/1990	Baird et al.			
	A35	4,923,742	05/08/1990	Killian et al.			
	A36	4,940,464	07/10/1990	Van Gompel et al.			
	A37	4,981,747	01/01/1991	Morman			
	A38	5,019,066	05/28/1991	Freeland et al.			
	A39	5,163,932	11/17/1992	Nomura et al.			
	A40	5,169,706	12/08/1992	Collier, IV et al.			
	A41	5,226,992	07/13/1993	Morman			
	A42	5,260,126	11/09/1993	Collier, IV et al.			
	A43	5,288,791	02/22/1994	Collier, IV et al.			
	A44	5,336,545	08/09/1994	Morman			
	A45	5,366,793	11/22/1994	Fitts Jr. et al.			
	A46	5,385,775	01/31/1995	Wright			
	A47	5,486,273	01/23/1996	Widlund et al.			
	A48	5,500,063	03/19/1996	Jessup			
	A49	5,503,908	04/02/1996	Faass			
	A50	5,514,470	05/07/1996	Haffner et al.			
	A51	5,545,158	08/13/1996	Jessup			
	A52	5,554,145	09/10/1996	Roe et al.			
	A53	5,569,232	10/29/1996	Roe et al.			
	A54	5,575,783	11/19/1996	Clear et al.			
	A55	5,601,547	02/11/1997	Kato et al.			
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Examiner: \_\_\_\_\_

Date Considered: 08/29/03

## List of Patents and Publications for Information Disclosure Statement

Applicant(s): Russell Evan Thorson et al.

Docket No.: 19519

Serial No.: 10/734,843

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U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A57	5,622,581	04/22/1997	Ducker et al.			
	A58	5,669,996	09/23/1997	Jessup			
	A59	5,683,376	11/04/1997	Kato et al.			
	A60	5,690,627	11/25/1997	Clear et al.			
	A61	5,711,832	01/27/1998	Glaug et al.			
	A62	5,749,866	05/12/1998	Roe et al.			
	A63	5,772,649	06/30/1998	Siudzinski			
	A64	5,807,368	09/15/1998	Helmer			
	A65	5,827,259	10/27/1998	Laux et al.			
	A66	5,836,930	11/17/1998	Lantz et al.			
	A67	5,846,232	12/08/1998	Serbiak et al.			
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	A69	5,876,391	03/02/1999	Roe et al.			
	A70	5,904,673	05/18/1999	Roe et al.			
	A71	5,904,675	05/18/1999	Laux et al.			
	A72	5,906,604	05/25/1999	Ronnberg et al.			
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	A76	5,971,970	10/26/1999	Carlbark et al.			
	A77	6,129,720	10/10/2000	Blenke et al.			
	A78	6,132,409	10/17/2000	Vogt et al.			
	A79	6,135,975	10/24/2000	Johnstone			
	A80	6,187,425	02/13/2001	Bell et al.			
	A81	6,193,701	02/27/2001	Van Gompel et al.			
	A82	6,240,569	06/05/2001	Van Gompel et al.			
	A83	6,248,097	06/19/2001	Beitz et al.			
	A84	6,264,641	07/24/2001	Van Gompel et al.			

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Examiner: 7.2Date Considered: 6/1/01

## List of Patents and Publications for Information Disclosure Statement

Applicant(s): Russell Evan Thorson et al.

Docket No.: 19519

Serial No.: 10734,843

Group: Unknown

Filed: December 12, 2003

Examiner: Unknown

U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A85	6,322,547	11/27/2001	Hansson			
	A86	6,322,552	11/27/2001	Blenke et al.			
	A87	6,323,389	11/27/2001	Thomas et al.			
	A88	6,325,787	12/04/2001	Roe et al.			
	A89	6,336,921	01/08/2002	Kato et al.			
	A90	6,336,922	01/08/2002	Van Gompel et al.			
	A91	6,340,782	01/22/2002	Kling et al.			
	A92	6,358,350	03/19/2002	Glaug et al.			
	A93	6,361,527	03/26/2002	Van Gompel et al.			
	A94	6,375,646	04/23/2002	Widlund et al.			
	A95	6,387,471	05/14/2002	Taylor et al.			
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	A97	6,464,677	10/15/2002	Noguchi et al.			
	A98	6,465,073	10/15/2002	Morman et al.			
	A99	6,478,785	11/12/2002	Ashton et al.			
	A100	6,482,278	11/19/2002	McCabe et al.			
	A101	6,541,679	04/01/2003	Betrabet et al.			
	A102	6,551,294	04/22/2003	Elsberg et al.			
	A103	6,570,056	05/27/2003	Tanzer et al.			
	A104	6,572,601	06/03/2003	Suprise et al.			
	A105	6,595,975	07/22/2003	Vogt et al.			
	A106	2002/0002021	01/03/2002	May et al.			
	A107	2002/0007148	01/17/2002	May et al.			
	A108	2002/0007164	01/17/2002	Boggs et al.			
	A109	2002/0009940	01/24/2002	May et al.			
	A110	2002/0019616	02/14/2002	Thomas			
	A111	2002/0104608	08/08/2002	Welch et al.			
	A112	2002/0119722	08/29/2002	Welch et al.			

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Examiner: Date Considered: 08-29-03 

## List of Patents and Publications for Information Disclosure Statement

Applicant(s): Russell Evan Thorson et al.

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U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A113	2002/0169432	11/14/2002	Fell et al.			
	A114	2003/0055389	03/20/2003	Sanders et al.			
	A115	2003/0124303	07/03/2003	Price et al.			
	A116	2003/0135191	07/17/2003	Price et al.			
	A117	2003/0135192	07/17/2003	Guralski et al.			
	A118						

  

Foreign Patent Documents								
Initials		Doc. No.	Date	Country	Class	Subclass	Trans.	
							Yes	No
	A1	EP 0 213 642 B1	04/03/1991	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A2	EP 0 323 634 A2	07/12/1989	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A3	EP 0 526 868 A2	02/10/1993	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A4	EP 0 597 331 B1	11/19/1997	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A5	EP 0 630 221 B2	04/16/1997	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A6	EP 0 650 714 A1	05/03/1995	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A7	EP 1 247 505 A2	10/09/2002	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A8	EP 1 247 506 A2	10/09/2002	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A9	EP 1 249 214 A2	10/16/2002	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A10	JP 03-176053 A	07/31/1991	Japan			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	A11	WO 95/02382 A1	01/26/1995	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A12	WO 95/02383 A1	01/26/1995	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A13	WO 96/11236 A1	04/18/1996	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A14	WO 96/23466 A1	08/08/1996	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A15	WO 96/32083 A1	10/17/1996	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A16	WO 97/23180 A1	07/03/1997	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A17	WO 97/43994 A1	11/27/1997	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A18	WO 98/29251 A1	07/09/1998	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A19	WO 98/53785 A1	12/03/1998	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A20	WO 99/60967 A1	12/02/1999	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>

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Examiner: T. J.Date Considered: 2/8/04

**List of Patents and Publications for Information Disclosure Statement**

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Docket No.: 19519

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Group: Unknown

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Examiner: Unknown

Foreign Patent Documents								
Initials		Doc. No.	Date	Country	Class	Subclass	Trans.	
							Yes	No
	A21	WO 99/60968 A1	12/02/1999	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A22	WO 99/60971 A1	12/02/1999	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A23	WO 99/60972 A1	12/02/1999	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A24	WO 99/60974 A1	12/02/1999	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A25	WO 00/02511 A1	01/20/2000	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A26	WO 00/37005 A2	06/29/2000	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A27	WO 00/39201 A2	07/06/2000	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A28	WO 01/87212 A1	11/22/2001	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A29	WO 02/069871 A1	09/12/2002	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A30	WO 03/017903 A1	03/06/2003	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A31	WO 03/028604 A1	04/10/2003	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A32						<input type="checkbox"/>	<input type="checkbox"/>
	A1						<input type="checkbox"/>	<input type="checkbox"/>
	A2						<input type="checkbox"/>	<input type="checkbox"/>
Other Documents								
Initial		Author, Title, Date, Pages, etc.						
	A1	American Society for Testing Materials (ASTM) Designation: D2433-93 (Reapproved 2002), "Standard Test Methods for Rubber Thread," pp. 1-6, published February 2003.						
	A2	American Society for Testing Materials (ASTM) Designation: D5459-95, (Reapproved 2001) "Standard Test Method for Machine Direction Elastic Recovery and Permanent Deformation and Stress Retention of Stretch Wrap Film," pp. 731-733, published September 1995.						
	A3							
	A4							
	A5							

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